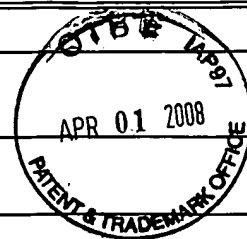


INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
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Date Submitted to PTO: April 1, 2008

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10/573,385APPLICANT
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,334,514	08/1994	Kittelman et al.			Corresponds to BA
	AB	5,876,980	03/1999	DeFrees et al.			Corresponds to BB
	AC	6,332,026	12/2001	Kuusama et al.			Corresponds to BD
	AD	5,811,539	9/1998	Seiffert-Stoeriko et al.			Corresponds to BE
	AE	5,071,750	12/1991	Kragl et al.			Corresponds to BG

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	BA	0 524 143 A1	01/1993	EP			
	BB	96/32492 A1	10/1996	WO			
	BC	61-180719 A	08/1986	JP			Abstract
	BD	98/06239 A1	02/1998	WO			
	BE	0 704 536 A1	07/1996	EP			
	BF	02-177891	07/1990	JP			Abstract
	BG	0 428 947 A1	05/1991	EP			
	BH	2003-093091	04/2003	JP			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

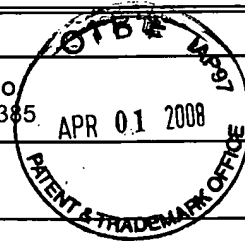
CA	International Search Report issued December 28, 2004 in the International (PCT) Application (PCT/JP2004/013760) of which the present application is the U.S. National Stage.
CB	International Search Report issued March 11, 2003 in copending SN 10/521,476.
CC	S.L. Shames et al., "CMP-N-acetylneuraminic acid synthetase of Escherichia coli: high level expression, purification and use in the enzymatic synthesis of CMP-N-acetylneuraminic acid and CMP-neuraminic acid derivatives," Glycobiology (1991) Vol. 1, No. 2, pp. 187 to 191.
CD	P.J. O'Brien et al., "Functional interrelationships in the alkaline phosphatase superfamily: phosphodiesterase activity of Escherichia coli alkaline phosphatase," Biochemistry (2001) Vol. 40, No. 19, pp. 5691 to 5699.
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CF	B. Magnouloux-Blanc et al., "Overproduction and excretion of β -lactamase and alkaline phosphatase by Escherichia coli <i>olp</i> mutants," Appl. Microbiol. Biotechnol. (1988) Vol. 29, No. 2/3, pp. 258 to 263.
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CH	E. Simon et al., "Synthesis of CMP-NeuAc from N-Acetylglucosamine: Generation of CTP from CMP Using Adenylate Kinase," J. Am. Chem. Soc., (1988) Vol. 110, pp. 7159-7163.
CI	K. Ishige et al., "Novel Method for Enzymatic Synthesis of CMP-NeuAc", Biosci. Biotechnol. Biochem., August 2001, Vol. 65, No. 8, pp. 1736 to 1740.
CJ	M. Kittelmann et al., "CMP-N-acetyl neuraminic-acid synthetase from Escherichia coli: fermentative production and application for the preparative synthesis of CMP-neuraminic acid", Appl. Microbiol. Biotechnol., December 1995, Vol. 44, pp. 59 to 67.
CK	Proceedings of 2001 Annual Conference of The Society of Biotechnology Proceedings, Japan, with English Translation.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.